

WHAT IS CLAIMED IS

1. A tuner apparatus comprising a first tuner portion for receiving a first broadcast wave and outputting first transport stream data achieved by multiplexing encoded data on sounds and/or pictures contained in the first broadcast wave, and a second tuner portion for receiving a second broadcast wave different from the first broadcast wave and outputting second transport stream data achieved by multiplexing encoded data on sounds and/or pictures contained in the second broadcast wave, said first and second tuner portions being provided on a board, wherein said first tuner portion is provided on one surface of said board and said second tuner portion is provided on the other surface of said board.

2. The tuner apparatus as claimed in claim 1, wherein said first tuner portion and said second tuner portion are disposed so as not to be confronted to each other through said board.

3. The tuner apparatus as claimed in claim 2, wherein said first tuner portion and said second tuner portion are provided in the neighborhood of both the ends of said board, respectively.

4. The tuner apparatus as claimed in claim 1, wherein a first wire pattern for transmitting the first transport stream data is formed on the one surface of said board on which said first tuner portion is provided, and a second wire pattern

for transmitting the second transport stream data is formed on the other surface of said board on which said second tuner portion is provided.

5. The tuner apparatus as claimed in claim 4, wherein said board has a first wire pattern layer on which said first wire pattern is formed, a second wire pattern layer on which said second wire pattern is formed, and an insulating layer sandwiched between said first wire pattern layer and said second wire pattern layer, and at least one ground layer for intercepting undesired radiation noises of said first tuner portion and said second tuner portion is formed on said insulating layer.

6. The tuner apparatus as claimed in claim 5, wherein said ground layer has a first ground layer formed so as to confront said first wire pattern layer so that a first insulating layer corresponding to a part of said insulating layer is sandwiched between said first ground layer and said first wire pattern layer, and a second ground layer formed so as to confront said second wire pattern layer so that a second insulating layer corresponding to a part of said insulating layer is sandwiched between said second ground layer and said second wire pattern layer, said first ground layer and said second ground layer being confronted to each other so that a third insulating layer corresponding to a part of said insulating layer is sandwiched therebetween, and said board

is a four-layered board having said first wire pattern layer, said second wire pattern layer, said first ground layer and said second ground layer.

7. The tuner apparatus as claimed in claim 6, wherein said four-layered board is formed by attaching a first board comprising said first wire pattern layer, said first insulating layer and said first ground layer and a second board comprising said second wire pattern layer, said second insulating layer and said second ground layer onto both the surfaces of said third insulating layer.

8. A receiver apparatus comprising:

a tuner apparatus in which a first tuner portion for receiving a first broadcast wave and outputting first transport stream data achieved by multiplexing encoded data on sounds and/or pictures contained in the first broadcast wave is provided on one surface of a board, and a second tuner portion for receiving a second broadcast wave different from the first broadcast wave and outputting second transport stream data achieved by multiplexing encoded data on sounds and/or pictures contained in the second broadcast wave is provided on the other surface of said board;

decoding means for decoding the first transport stream data and said second transport stream data; and

an output terminal for supplying the first and second transport stream data thus decoded to a display device for

outputting the sounds and/or the pictures.

9. The receiver apparatus as claimed in claim 8, further comprising:

selecting means for selecting at least one of the first transport stream data and the second transport stream data; and

recording means for recording at least one of the first transport stream data and the second transport stream data selected by said selecting means.

10052984.110701